

IN THE CLAIMS

Please amend the claims as follows:

1-10. (Cancelled).

11. (Previously Presented): A liquid crystal display device, comprising:

a first substrate;

a second substrate opposing the first substrate;

at least one sealant along a periphery of one of the first and second substrates; and

a liquid crystal layer between the first and second substrates, the liquid crystal layer having a photo-reactant material and a liquid crystal material,

wherein the photo-reactant material and the liquid crystal material form a polymer network such that the photo-reactant material is aligned by irradiated light in a first direction and the liquid crystal material is aligned by the irradiated light in a second direction different from the first direction.

12. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet hardening sealant.

13. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet and thermo-hardening sealant.

14. (Original): The device according to claim 11, wherein the photo-reactant material includes one of a photo-reactive polymer and a photo-reactive oligomer.

15. (Original): The device according to claim 11, further comprising an alignment layer on at least one of the first and second substrates.

16. (Original): The device according to claim 11, wherein the second substrate includes a light-shielding layer, a color filter layer disposed on the light-shielding layer, and a common electrode on the color filter layer.

17. (Original): The device according to claim 11, further comprising a spacer on at least one of the first and second substrates.

18. (Previously Presented): The device according to claim 17, wherein the spacer includes a column spacer.

19-21. (Cancelled).

22. (Previously Presented): The device according to claim 11, wherein the photo-reactant material remains uncured.

23. (Previously Presented): The device according to claim 11, comprising:

a first sealant along the periphery of one of the first and second substrates; and

a second sealant along the periphery of the first sealant, thereby forming a double sealant.